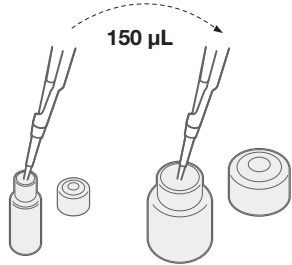


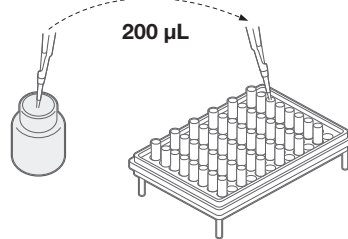
Referencia rápida para ensayos PCR estándar

PASO 1: PREPARACIÓN

Añadir 150 µL de proteasa a 12 mL de tampón de lisis

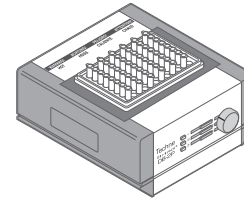


Añadir 200 µL de reactivo de lisis a los tubos de racimo

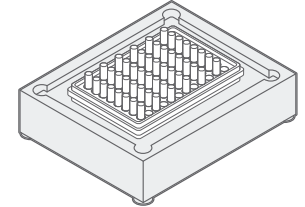


El reactivo de lisis puede conservarse a 2-8 °C hasta dos semanas

Asegúrese de que los bloques térmicos se precalienten a 37 °C o 55 °C, y 95 °C antes de su uso.

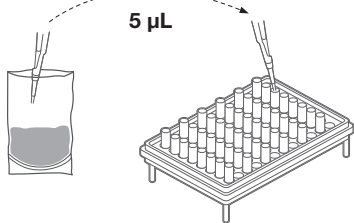


Asegúrese de que los bloques de refrigeración se almacenen a 2 - 8 °C antes de su uso



PASO 2: LISIS

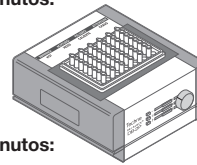
Transferir 5 µL* de muestras enriquecidas a tubos de racimo



*Para *E. coli* O157:H7 utilizar 20 µL

Tubos de racimo de calor (Primera etapa)

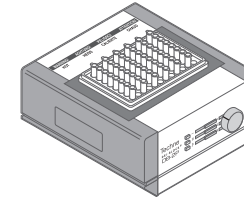
37 °C durante 20 minutos:
Cronobacter
E. coli O157:H7
Salmonella



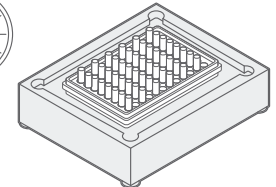
55 °C durante 60 minutos:
 Género *Listeria*
L. monocytogenes

Tubos agrupadores de calor (segunda etapa)

95 °C durante 10 minutos:
 Todos los objetivos



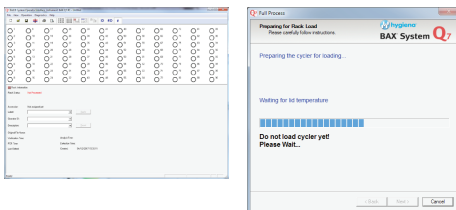
Enfriar los tubos de racimo durante un mínimo de 5 minutos en el bloque de enfriamiento.



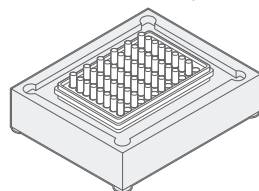
Los lisados procesados sin abrir pueden conservarse a 2-8 °C

PASO 3: PCR

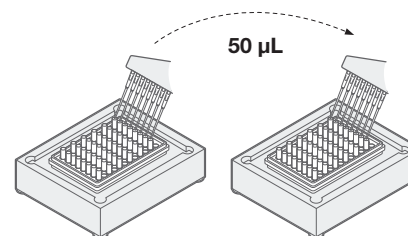
Crear archivo rack, encender cicladora e iniciar



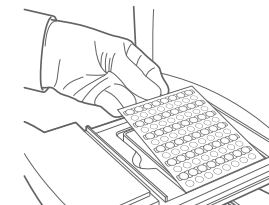
Colocar los tubos PCR en el bloque de refrigeración PCR con la bandeja de transporte negra



Hidratar las pastillas PCR con 50 µL de lisado de los lisados enfriados



En el software, haga clic en siguiente, coloque los tubos PCR en el ciclador Q7 y ejecute el programa



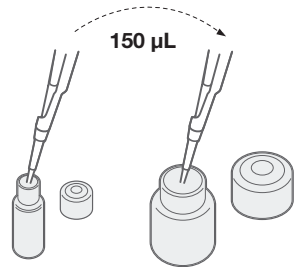
Revisar los resultados en pantalla

- Negativo
- Positivo
- Indeterminado
- Error de señal

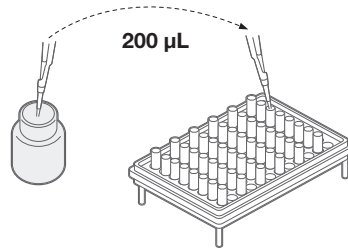
Ready Reference for Standard PCR Assays

STEP 1: PREPARATION

Add 150 µL protease to 12 mL lysis buffer

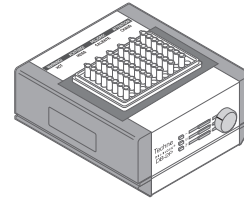


Add 200 µL lysis reagent to cluster tubes

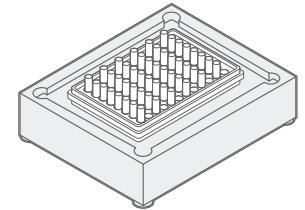


Lysis reagent can be stored at 2-8°C for up to two weeks

Ensure thermal blocks are pre-heated to 37°C or 55°C, and 95°C prior to use

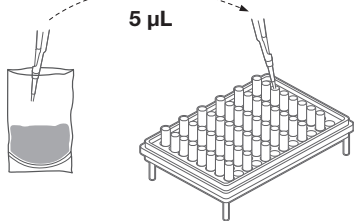


Ensure cooling blocks are stored at 2 – 8°C prior to use



STEP 2: LYSIS

Transfer 5 µL* enriched samples to cluster tubes



*For *E. coli* O157:H7 use 20 µL

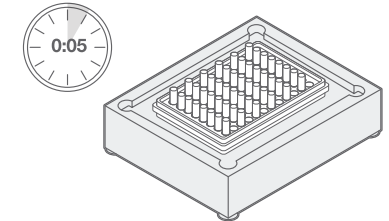
Heat cluster tubes (First Stage)

		37°C for 20 minutes: Cronobacter <i>E. coli</i> O157:H7 Salmonella	
		55°C for 60 minutes: Genus <i>Listeria</i> <i>L. monocytogenes</i>	

Heat cluster tubes (Second Stage)

		95°C for 10 minutes: All targets	

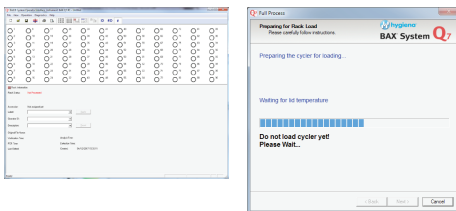
Cool cluster tubes for a minimum of 5 minutes in cooling block



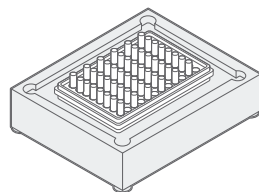
Unopened processed lysates can be stored at 2-8°C for up to two weeks

STEP 3: PCR

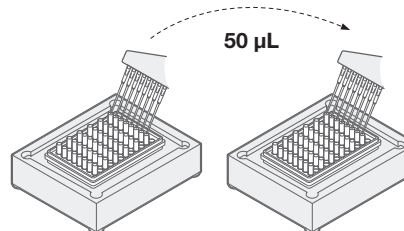
Create rack file, turn on cycler, and initialize



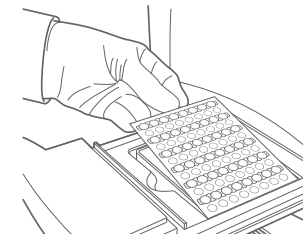
Arrange PCR tubes in PCR cooling block with black carrying tray



Hydrate PCR tablets with 50 µL lysate from cooled lysates



On software, click next, place PCR tubes in Q7 cycler and run program



Review results on screen

- Negative
- Positive
- Indeterminate
- Signal error